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02-21-02

PTO/SB/05 (08-00)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 86017.000025

First Inventor Krivitski, Nikolai M.

Title RETROGRADE THERMODILUTION CATHETER HAVING AN
INJECTATE THERMAL EFFECT COMPENSATION FOR
BLOOD FLOW MEASUREMENT

Express Mail Label No. EL 871323289 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 41]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 20]
5. Oath or Declaration [Total Pages 3]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with Box 17 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Copy (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other _____

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:
Prior application information Examiner Group/Art Unit

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

☒ Customer Number of Bar Code Label



or ☐ Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Brian B. Shaw	Registration No. (Attorney/Agent)	33,782
Signature		Date	February 20, 2002

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL
for FY 2000**

Patent fees are subject to annual revision

Complete if Known

Application Number

Filing Date

First Named Inventor

Krivitski, Nikolai M.

Examiner Name

Group Art Unit

TOTAL AMOUNT OF PAYMENT \$745.00

Attorney Docket Number

86017.000025

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to

Deposit

Account

Number

033875

Deposit

Account

Name

HARTER, SECREST & EMERY LLP

- ☒
- Charge Any Additional Fee Required
-
- Under 37 CFR 1.16 and 1.17

- ☒
- Applicant claims small entity status.
-
- See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

- ☒
- Check
- ☐
- Credit card
- ☐
- Money
-
- Order
- ☐
- Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	\$370.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					\$370.00

2. EXTRA CLAIM FEES

Total Claims	Extra claims	Fee from below	Fee Paid
29	-20**= 9	X 9	= \$81
Independent Claims	10	-3 = 7	X 42 = \$294
Multiple Dependent			

**or number previously paid, if greater, For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claim over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					\$375.00

FEE CALCULATION (check one)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee

Fee

Fee

Fee

Fee Description

Fee Paid

Code

Code

Code

Code

105

130

205

65

Surcharge - late filing fee or oath

127

50

227

25

Surcharge - late provisional filing fee or cover sheet

139

130

139

130

Non-English specification

147

2,520

147

2,520

For filing a request for *ex parte* reexamination

112

920*

112

920*

Requesting publication of SIR prior to Examiner action

113

1,840*

113

1,840*

Requesting publication of SIR after Examiner action

115

110

215

55

Extension for reply within first month

116

390

216

195

Extension for reply within second month

117

890

217

445

Extension for reply within third month

118

1,390

218

695

Extension for reply within fourth month

128

1,890

228

945

Extension for reply within fifth month

119

310

219

155

Notice of Appeal

120

310

220

155

Filing a brief in support of an appeal

121

270

221

135

Request for oral hearing

138

1,510

138

1,510

Petition to institute a public use proceeding

140

110

240

55

Petition to revive - unavoidable

141

1,240

241

620

Petition to revive - unintentional

142

1,240

242

620

Utility issue fee (or reissue)

143

440

243

220

Design issue fee

144

600

244

300

Plant issue fee

122

130

122

130

Petitions to the Commissioner

123

50

123

50

Petitions related to provisional applications

126

240

126

240

Submission of Information Disclosure Stmt

581

40

581

40

Recording each patent assignment per property (times number of properties)

146

710

246

3655

Filing a submission after final rejection (37 CFR § 1.129(a))

149

710

249

355

For each additional invention to be examined (37 CFR § 1.129(b))

179

710

279

355

Request for Continued Examination (RCE)

169

900

169

900

Request for expedited examination of a design application

Other fee (specify)

SUBTOTAL (3) (\$)

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Name (Print/Type) Brian B. Shaw

Registration No.
(Attorney/Agent)

33,782

Telephone

716-232-6500

Signature

Date

February 20, 2002

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CERTIFICATE OF EXPRESS MAIL

Docket No. 86017.000025

Applicant: Transonic Systems, Inc.

Title of Invention: RETROGRADE THERMODILUTION CATHETER HAVING AN
INJECTATE THERMAL EFFECT COMPENSATION FOR BLOOD FLOW
MEASUREMENT

I hereby certify that a Utility Patent Application and supporting documentation is being deposited with the United States Postal Service "Express Mail Office to Addressee" service under Express Mail Label No. EL 871323289 US, addressed to the Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on February 20, 2002.


Michele Hamby

EL871323289US